

CYGAN, H.

"Measuring Energy Emitted by Electrically Activated Nitrogen." p. 189, (ACTA PHYSICA POLONICA, Vol. 11, no. 2, 1951, Warszawa, Poland.)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

CYGAN, H.

g

POL.

2454. Measuring energy emitted by electrically activated nitrogen.

H. Cygan, Acta phys. Polon., 11, No. 2, 189-194 (1952).

Rayleigh's work (Abstr. 1222 (1947)) on the measuring of energy emitted by electrically activated nitrogen was repeated, and the causes of the very high values of energy he obtained were studied. It is concluded that the results obtained by Rayleigh may be easily explained.

A.

PM
LH

CHYCKI, Andrzej, inż.; LASKOWSKI, Wladyslaw, mgr inż.;
KONCIELNIAK, Adam, mgr inż.; MALINOWSKI, Kazimierz, mgr inż.;
CYGAN, Ryszard, mgr inż.; DMITRENKO, Stefan, mgr inż.; LASKOWSKI,
Wladyslaw, mgr inż.; BRONIKOWSKI, Adam; STASIKOWSKI, Henryk

Is the profession of a graduate engineer a creative one? Przegl
techn 86 no.10:546 18 Ap '65

CTGAN, T.

Bleeding ulcer in child following burns. Polski przegl. chir. 25 no.7:
563-572 July 1953. (CML 25:1)

1. Of the Surgical Department of Bytom Municipal Hospital.

KUBISTY, Wladyslaw; CYGAN, Tadeusz

Transthoracic surgery of tumors of the left kidney. Polski przegl.
chir. 27 no.6:577-581 Je '55.

1. Z chirurgicznego Oddzialu Szpitala Miejskiego Nr 1 w Bytomiu
Ordynator: dr med. W. Kubisty.

(KIDNEYS, neoplasms,
surg., transthoracic approach)

CYGAN, Z.; WARONSKI, W.; ZIELINSKI, J.

Urinary lithiasis in Upper Silesia. II. Chemical composition of urinary calculi. Acta physiol. polon. 8 no.3:301-303 1957.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A. M. w Rokitnicy
Kierownik: doc. dr St. Jozkiewicz. Z II Kliniki Chirurgicznej Slaskiej
A. M. w Zabrze Kierownik: prof. dr J. Gasinski.
(URINARY TRACT, calculi,
chem. composition (Pol))

CYGAN, Zbigniew; WARONSKI, Wlodzimierz; ZIHLINSKI, Jerzy

Relationship between the chemical structure of urinary calculi
and the clinical picture of lithiasis. Postery hig.med.dosw.

13 no.6:721-740 '59.

(URINARY CALCULI)

CYGAN, Zbigniew; WARONSKI, Wlodzimierz; ZIELINSKI, Jerzy

Chemical composition of urinary calculi in relation to sex & age of patients. Polski tygod. lek. 14 no.21:957-959 25 May 59.

1. Z Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze; kierownik: doc. dr St. Jozkiewicz i z II Kliniki Chirurgicznej w Slaskiej Akademii Medycznej w Zabrze; kierownik: prof. dr J. Gasinski). Zabrze 8 --Roklinica. Zaklad Chemii Fizjolog. Sl. AM.

(URINARY TRACT, calculi

relation of chem. composition to sex & age of patients (Pol))

(AGING, eff.

on chem. composition of urinary calculi (Pol))

(SEX CHARACTERISTICS

relation of sex of patient to chem. composition of urinary calculi (Pol))

CYGAN, Zbigniew; WARONSKI, Wlodzimierz

Effect of sulfoguanidine and chloromycetin on the course of
experimental atherosclerosis in pigeons. Acta physiol.polon.
11 no.4:615-621 '60.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A.M. w Zabrze-
Rokitnicy. Kierownik: doc.dr. St. Joskiewicz.

(ARTERIOSCLEROSIS exper)

(CHLORAMPHENICOL pharmacol)

(SULFONAMIDES pharmacol)

CYGAN, Zbigniew; JOZKIEWICZ, Stanislaw; WARONSKI, Wlodzimierz

Effect of liver extract "hepafort" on cholesterol metabolism
in experimental atherosclerosis in pigeons. Pat.polska 12 no.1:
33-39 '61.

1. Z Zakladu Chemii Fizjologicznej Sl. A.M. w Rokitnicy Kierownik:
doc. dr Stanislaw Jozkiewicz.

(LIVER EXTRACTS pharmacol) (CHOLESTEROL metab)
(ARTERIOSCLEROSIS exper)

KUBACKI, Jan; CYGAN, Z.; JANIEC, W.

Behavior of aldolase and alkaline phosphatase in rats exposed to the effect of thyroxin. Pol. arch. med. wewnet. 34 no.1: 33-38 '64.

1. Z I Kliniki Chorob Wewnetrznych Sl. AM w Zabrze (kierownik: prof.dr.med. J.Japa) i z Zakladu Chemii Fizjologicznej Sl. AM w Zabrze (kierownik: prof.dr.med. S.Jozkiewicz).

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CYGAN, Z.; KUSMIERSKI, S.; DROZDZ, M.; ZEGLEN, S.; ZAK, T.

Assesment of the clinical usefulness of the determination of serum mucoproteins in surgical diseases. Wlad. lek. 18 no.20: 1603-1608 15 0 '65.

1. Z Zakladu Chemii Fizjologicznej (Kierownik: prof. dr. S. Jozkiewicz) i z II Kliniki Chir. Slaskiej AM w Zabrze (Kierownik: prof. dr. J. Gasinski).

L 29759-66 T JK

ACC NR: AP6020900

(A)

SOURCE CODE: PO/0071/65/000/008/0468/0471

AUTHOR: Cygan, Zygmunt--Teygan, Z. (Physician; Veterinarian; Lublin); Wawrzekiewicz, Krystyna--Vavzhkevich, K.

ORG: Regional Institute of Veterinary Hygiene/headed by Dr. Tadeusz Dabrowski/, Lublin (Wojewodski Zaklad Higieny Weterynaryjnej); Department of Microbiology /headed by Professor, Dr. Tadeusz Jastrzebski/, Veterinary School, WSR, Lublin (Katedra Mikrobiologii Wydzialu Wet. WSR)

TITLE: Identification of anaerobic spores isolated from the alimentary tract of dead poultry

SOURCE: Medycyna weterynaryjna, no. 8, 1965, 468-471

TOPIC TAGS: commercial animal, bacteriology, toxicology, bacterial antigen

ABSTRACT: Isolation of two species of Clostridium perfringens from intestines of dead chicks; heat resistance and formation of various toxins were investigated and are discussed in detail; hemolytic and antigenic properties were also studied. Orig. art. has: 3 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 024
SOV REF: 002

Card 1/1 CC

POLAND

DABROWSKI, T. and CYGAN, Z., Wojewodztwo Veterinary Hygiene Office
(Wojewodzki Zaklad Higieny Wet.), Lublin.

"Laboratory Diagnosis of Emphysematous Gangrene"

Lublin, Medycyna Weterynaryjna, Vol 22, No 5, pp 267-270

Abstract: A bacteriological examination was made of 23 cases of emphysematous gangrene in cattle. A relatively fast and easy way of separating the bacteria is presented. A method is given for isolating pure broth cultures of Cl. chanvoei, which was identified by morphological, culture, biochemical and biological tests.
Contains 1 Table and 9 references (1 Polish, 7 Western and 1 Yugoslav).

1/1

POLAND

WAWRZKIEWICZ, K. and CYGAN, Z., of the Chair of Microbiology, Veterinary Department, Higher School of Agriculture (Katedra Mikrobiologii Wydziału Weterynarii WSR), Lublin. Prof. Dr. T. Jastrzebski, Head; Wojewodztwo Veterinary Hygiene Office (Wojewodzki Zaklad Higieny Wet.), Lublin.

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005094

"The Use of Chicken Embryo Cell Cultures for Determining the Toxins of Clostridium Bacilli"

Lublin, Medycyna Weterynaryjna, Vol 22, No 7, 1966, pp 411-415.

Abstract: The effect is described of the toxins produced by Cl. perfringens type C, Cl. septicum and Cl. oedematiens on a culture of chicken embryo cells. It was found that all the strains investigated produced definite specific cytopathic changes after only four hours. Toxin determination sensitivity by the title method was compared with the lecithovitelline reaction on white mice. The former method was found more sensitive in investigating anaerobic bacteria. The method is claimed to be cheap, rapid, reproducible and giving uniform results.
Contains 5 Figures, 2 Tables and 18 references (2 Polish, 6 Western, 8 Russian, 1 Rumanian and 1 German-language).

1/1

L 09023-67

ACC NR: AP6034498

microbes, including 15 strains of Cl. perfringens (62.5%), 4 of Cl. septicum (16.6%), 4 of Cl. sporogenes (16.6%), and one unidentified strain. The isolated perfringens and septicum strains were highly virulent and caused the death of guinea pigs in 12—36 hr. Cl. sporogenes proved to be nonvirulent. The Willis and Hobbs medium was best for quick strain identification, and for the simultaneous study of the lecithinase effect, presence of lipase, and fermentation of lactose. It allowed distinction of the Cl. perfringens, oedematiens, sporogenes, and botulinum strains. The Kalinin medium was best for showing blackening (3—4 hr) at the same time as curdling and digestion of milk. The Wilson-Blair medium was good only for approximate identification of microbial genera. Orig. art. has: 5 tables. [Based on authors' abstract] [W050]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ SOV REF: 001/
OTH REF: 023/

Card 2/2 not

POLAND

PO/0071/66/000/009/0518/0522

AUTHOR: Cygan, Zygmunt -- Tsygan, Z. (Lublin); Wawrzekiewicz, Krystyna -- Vavzhkevich, K.

ORG: Province Laboratory of Veterinary Hygiene, Lublin/headed by Dr. Tadeusz Dabrowski/ (Wojewodzki Zaklad Higieny Weterynaryjnej); Chair of Microbiology/ headed by Prof. Dr. Tadeusz Jastrzebski/. Department of Veterinary Science, Higher School of Agriculture, Lublin (Katedra Mikrobiologii Wydzialu Weterynarii WSR)

TITLE: Clostridium microbes in traumatic gas edema of domestic animals

SOURCE: Medycyna weterynaryjna, no. 9, 1966, 518-522

TOPIC TAGS: animal, Clostridium, animal disease, gas gangrene, gas edema, aerobe, anaerobe, lecithinase, lipase, diagnostic medium/Willis and Hobbs medium, Kalinin medium, Wilson-Blair medium

ABSTRACT: Seventeen samples of muscle tissue diagnosed clinically as showing gas gangrene were taken from 11 cows, 4 horses, and 2 pigs. Groups of aerobes and anaerobes were isolated in all cases. There were 24 strains of Clostridium

2
NOWAK, ~~Kas~~imierz; PAPRZYCKI, Oswald; CYGAN, Zbigniew

Influence of the length of pressing time on the static bending strength of glued edge parts made of particle board and flax board. Roczniki wyz szkola rol Poznan 16: 57-66 '63.

1. Department of Mechanical Technology of Wood, College of Agriculture, Poznan.

KRZYSZKOWSKA, Anna; BIALKOZ, Michal; CYGAN CZUK, Janusz; DUWINSKA-SLIWINSKA, Bozena; FIRKO-STEPNIEWSKA, Otylia; GURTAT, Bronislaw; KANDZIORA, Stanislaw; KUBIT, Stanislaw; MOKRZYCKI, Mikolaj; POLKOSZEK, Mieczyslaw; ROMANOWSKA, Izabella; WASOWSKA, Janina; WESTRYCH, Feliks; WISNIEWSKI, Henryk.

Tuberculin reaction in recruits. Gruzlica 32 no.2:131-139 F164

1. Z Zakladu Epidemiologii Instytutu Gruzlicy; Kierownik: doc. dr. med. O. Buraczewski.

*

ORGANIZACJA, Powiad: USALOMAR. 10-10-11.

Adrenal crisis in a case of generalized cutaneous tuberculosis.
Gruzlica 33 no. 2: 193-196 P 1/1.

1. Z Katedry Ftizjatrii (Kierownik: doc. dr. H. Mysakowska) i
z Zakladu Anatomii Patologicznej (Kierownik: prof. dr. med.
S. Mahrburg) Akademii Medycznej w Lublinie.

CYGANKIEWICZ M.
LEXICPTA MEDICA Soc.7 Vol.10/5 Podiatrics May56

984. CYGANKIEWICZ M. and SIENNICKI W. Filii Państwowego Zakł. Hig. Wrocław
*Występowanie maczugowców błonicy w moczu i w krwi chorych na błonicę
Incidence of *Corynebacterium diphtheriae* in urine and
blood of diphtheria cases MED. DOSW. MIKROBIOL. 1955, 7/1 (41-
50) Tables 2

In the years 1951-1952 the authors had under their care 92 children with diphtheria and made studies with regard to the presence of *C. diphtheriae* in the blood and urine of the patients. The children were 2-7 yr. of age. The material for examination was taken when the children were fasting and they had already received penicillin and antidiphtheria serum. The blood cultures were positive in 9 cases out of 43 cases examined (20.9%); urine was positive in 21 out of 82 cases (25.6%). Out of the 9 cases in which *C. diphtheriae* were found in the blood 8 were type gravis, 1 type mitis. In the cultures from the urine only in 15 cases out of 21 could the type be determined: 12 were type gravis, 3 atypical, 2 type mitis. All these strains proved to be toxic for guinea-pigs. Positive results were obtained most frequently on the 3rd day of the disease. There was no parallelism between positive cultures from blood and those from urine. In the latter positive results were found in later days of the disease. The types of germs in the throat, blood and urine were the same. The methods of collecting material, preparation of cultures and differentiation of types are those usually employed. Bogdanowicz - Warsaw (XX, 4, 6, 7)

SIENNICKI, W.; PRZYLECKI, St.; BASZ, I.; CYGANKIEWICZ, M.; RADZISZEWSKA, D.
(Wroclaw)

Occurrence of brucellosis in the veterinary and zootechnical personnel
in Wroclaw Voivodeship. Rocznik roln wet 70 no.1/4:204-206 '60.
(KEAI 10:9)

(Brucellosis)

SIENNICKI, W.; PRZYLECKI, St.; BASZ, I.; CYGANKIEWICZ, M.; RADZISZEWSKA, D.
(Wroclaw)

Brucellosis among the personnel of state farms in Wroclaw Voivodeship.
Rocz nauk roln wet 70 no.1/4:206-208 '60. (KEAI 10:9)

(Brucellosis)

SIENNICKI, W.; PRZYLECKI, St.; BASZ, I.; CYGANKIEWICZ, M.; PIORO, J.
RADZISZEWSKA, D. (Wroclaw)

Brucellosis among the workers of the dairies and meat processing
plants of Wroclaw Voivodeship. Roczn. nauk roln. wet 70 no.1/4:
208-209 '60. (EEAI 10:9)

(Brucellosis)

1 31846-66 T JK

ACC NR: AP6021321 (A) SOURCE CODE: PO/0081/65/019/003/0297/0308 64
 AUTHOR: Jeljaszewicz, J.; Hawiger, J.; Celinska, T.; Cygankiewicz-Siennicka, M.; Czacka, I.; Dawidowska, I.; Demirowska, E.; Gorska, A.; Gulinski, J.; Hebenstreit, C. Jankiewicz, I.; Jarowa, M.; Klimek, H.; Klapkowska, K.; Kobialko, W.; Kokocinska, I. Krol, J.; Lenartowicz, O.; Luft, A.; Malik, K.; Moskwa, Z.; Nocon, T.; Oziemska, E. Pawlowska, I.; Pedrycz, W.; Pernal, C.; Piasecka-Serafin, M.; Plachacka, M.; Pogorzelska, A.; Potocka, Z.; Rodzinski, L.; Roszkowska, H.; Sajkowska, S.; Siennicki, W. Sikora, G.; Szarek, T.; Szymanczyk, A.; Terech, I.; Tomaszko, H. Torym, L.; Wawrzynska, M.; Wencel, Z.; Zodrow, H.
 ORG: Institute of Bacteriology, PZH, Warsaw (Zaklad Bakteriologii); Regional and City Epidemiologic Centers, Bialystok, Bydgoszcz, Katowice, Koszalin, Krakow, Lodz, Olsztyn, Opole, Poznan, Rzeszow, Warsaw, Wroclaw and Zielona Gora (Wojewodzka i Miejska Stacja Sanitarno-Epidemiologicznych)
 TITLE: Antibiotic-resistant strains of Staphylococcus aureus isolated in Poland in the years 1960-1963
 SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 297-308
 TOPIC TAGS: bacteriology, penicillin, streptomycin, erythromycin, neomycin, tetracycline, antibiotic
 ABSTRACT: A comparative study of strains of Staphylococcus aureus resistant to penicillin, streptomycin, chloramphenicol, erythromycin, neomycin, oxy and tetracycline was made from the point of view of: source of strains; endocrine secretions; material (hospital or outside) and geographical distribution. Results revealed that least resistant to all antibiotics were strains isolated from food in case of food poisoning, and most resistant, those found in feces. The number of resistant strains was greater in hospital than outside material, except for neomycin. Of the antibiotics the

Card 1/2

L 31846-66

ACC NR: AP6021321

the greatest resistance was shown to penicillin (38.2 percent) and neomycin (17.6 percent). Territorial differences in resistance to antibiotics were statistically significant. Orig. art. has: 15 tables. JPRS

SUB CODE: 06/ SUBM DATE: none/ORIG REF: 014/ OTH REF: 001

Card 2/2 JS

L 31845-66 T JK

ACC NR: AP6021322 (A) SOURCE CODE: PO/0081/65/019/003/0309/0313 48
 AUTHOR: Jeljaszewicz, J.; Hawiger, J.; Czacka, J.; Cygankiewicz-Siennicka, M.;
Gorska, A.; Gulinski, J.; Hebenstreit, C.; Klimek, H.; Klapowska, K.; Krol, J.;
Lenartowicz, C.; Luft, A.; Moskwa, Z.; Nocon, I.; Pawlowska, I.; Padrycz, W.; Pernal, C.
C.; Pogorzelska, A.; Rodzinski, L.; Siennicki, W.; Sikora, G.; Szymanski, I.; Terech,
I.; Wawrzynska, M.; Wencel, Z.; Znis, A.
 ORG: Institute of Bacteriology, PZH, Warsaw (Zaklad Bakteriologii); Regional and
City Sanitary Epidemiological Centers, Bydgoszcz, Katowice, Kielce, Krakow, Lodz, Opole,
Rzeszow, Warsaw, Wroclaw (Wojewodzka i Miejska Stacj Sanitarno-Epidemiologiczna);
Bacteriologic Laboratory, No. 3, PSK, Wroclaw (Laboratorium Bakteriologiczny)
 TITLE: Antibiotic-resistant strains of *Streptococcus viridans*, *Streptococcus fecalis*,
Escherichia coli, *Pseudomonas aeruginosa*, *Proteus* species and *Klebsiella* species,
 isolated in Poland in 1960-1963
 SOURCE: *Przeglad epidemiologiczny*, v. 19, no. 3, 1965, 309-313
 TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin,
 neomycin
 ABSTRACT: Sensitivity tests of the above strains were carried out in respect to peni-
 cillin, streptomycin, tetracyclines, chloramphenicol, erythromycin and neomycin. It
 was found that resistance to antibiotics in *Streptococci* differed from that in Gram-
 negative bacilli. *Streptococcus fecalis* was found highly resistant to penicillin and
 erythromycin. Appreciable resistance to all antibiotics was noted in strains identified
 as *Streptococcus viridans*. Resistance varied according to samples and territorial dis-
 tribution. Experiments were conducted in 11 centers throughout the country simultane-
 ously; results were compared with those obtained in an identical experimental series in
 a single hospital environment. Orig. art. has: 2 tables. (SPRS)
 SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001
 Card 1/1 JS

Citation, 1.

"Struggle with spreading and other perennial weeds."
Nowe Rolnictwo, Warsaw, Vol 3, No 7, July 1954, p. 152

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"APPROVED FOR RELEASE: Thursday, July 27, 2000

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CIA-RDP86-00513R00050943(

1-1, A.

POL.

A method for detecting zinc. Lech Borysławski and Andrzej Cygański (Inst. Inorg. Chem., Lodz, Poland). *Kocherz-Chem.* 28, 667-8 (1953) (German summary). The introduction of bivalent Zn^{++} into a soln. contg. trivalent Bi, bivalent Hg, and CNS^- ions causes pptn. of brick-red $Zn_2[Bi(CNS)_3]$ and $ZnHg(CNS)_2$. This reaction can be used for the detection of bivalent Zn^{++} in concns. as low as 0.0075 g. per l. by use of a reagent contg. 5 cc. of 0.5M $Bi(NO_3)_3$, 4 cc. of 2M NH_4CNS , and 1 cc. of 0.2M H_2PO_4 . P. Dreyfus.

Jan

A

POL. 1774. Co-precipitation of zinc bismercaptocyanate
and mercurithiocyanate. L. Jankowski and A.
Czarnicki (Rozm. Chem., 1954, 28 (2), 667-668).
A white ppt appears when ± 0.0075 M solutions
of zinc salts are added to a mixture of 3 ml of
0.8 M $\text{Hg}(\text{NO}_3)_2$, 2 ml of 2 M NH_4CNS and 1 ml of
0.2 M $\text{Hg}(\text{NO}_3)_2$. The ppt. consists of 1:12 to 1:67
mixtures of $\text{Zn}_2(\text{HgCNS})_4$ and $\text{ZnHg}(\text{CNS})_2$.
R. Tauson

① 12/8/54

POLAND / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 905.

Author : Cyganski, A.

Inst : Not given.

Title : The Ammonia Method for Separating Mercury From Iron.

Orig Pub: Chem. analit., 1957, No 2, 421-425.

Abstract: A method for the quantitative separation of Fe from mercury with ammonium hydroxide in the presence of large amount of ammonium salts is described. To prevent the separation of mercury and also its coprecipitation with iron, in the case of mercuric chloride, it is necessary to use a considerably larger amount of reagent, than in the case of mercuric nitrate. To the sample being analyzed, 15 milliliters of concentrated nitric acid is added,

Card 1/2

CYGANSKI, A.

Reactions of coprecipitation of bismuth with cobaltous, cupric, and cadmic
rhodanomercuriates. p. 793.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna
Organizacja Techniczna) Warszawa, Poland. Vol. 3, No. 5/6, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959

Uncl/

CYGANSKI, A.

Distr: 4E2c

Separation of bismuth from mercury by the ammonia method. Andrzej Cyganski (Zaklad Chemii Nieorganicznej Politechn. Lodz, Poland). *Chem. Anal.* 5, 807-11(1958); cf. *C.A.* 52, 19701g; Janasch and Clodt, *Ber.* 28, 944 (1895); Castanares, *C.A.* 7, 2171. — A method for sepg. Bi from Hg is described. To a soln. contg. Hg^{++} and Bi^{++} salts, add 15 ml. concd. HNO_3 (in presence of Cl^- the amt. should be doubled). Dil. the soln. with water to 130-150 ml. and add slowly with vigorous stirring about 35 ml. of reagent contg. 800 ml. concd. NH_3 and 20 g. $(NH_4)_2CO_3$ in 1 l. Heat the soln. with the ppt. almost to boiling and filter. Wash the ppt. with a hot soln. contg. 250 g. $(NH_4)_2CO_3$ and 100 ml. concd. NH_3 in one l. Dissolve it in hot HNO_3 (1:1) and ppt. Bi. Mix then the filtrates and ppt. Hg with H_2S . The method was checked by sepg. Hg from Bi as $Hg(NO_3)_2$, $Bi(NO_3)_3$, and $HgCl_2$. The mean error of detn. was less than 0.5%. The adsorption of Hg by basic Bi salts and the soly. of the latter in NH_4NO_3 were detd. Z. Kurys

CYGANSKI, Andrzej; JOZEFOWICZ, Edward

Detection and determination of bismuth by coprecipitation reaction with lead thiocyanate. Chem anal 8 no.5:671-678 '63.

1. Department of Inorganic Chemistry, Polytechnic, Gdansk.

CYGANSKI, Andrzej

POLAND

CYGANSKI, Andrzej; JOZEFOWICZ, Edward

Department of inorganic Chemistry, Lodz Polytechnic
School (Zaklad Chemii Nieorganicznej Politechniki, Lodz)

Warsaw, Chemia analityczna, No 5, 1963, pp 672-78.

"Detection and Determination of Bismuth Using Coprecipitation Reaction with Lead Thiocyanate".

CYGANSKI, Andrzej

Preparation and properties of alkaline earth thiocyanatobismuthates.
Rocz chemii 37 no.11:1543-1546 '63.

1. Department of Inorganic Chemistry, Technical University, Lodz.

CYGANSKI, Andrzej, dr; CZAKIS-SULIKOWSKA, Maria, dr

Application of the reaction of mercury thiocyanate in the
quantity analysis of ores, alloys, and metals. Rudy i
metale 8 no. 11:437-440 N '63.

CYGANSKI, Andrzej; JOCHEWICZ, Edward

Coprecipitation reactions of cadmium thiocyanate and cadmium thiocyanatomercurate in the presence of bismuth ions. *Chemia* Lodz no. 14:23-31 '64.

Coprecipitation of thiocyanobismuth with zinc and cobalt thiocyanatomercurates. *Ibid* 13:40

1. Department of Inorganic Chemistry, Technical University, Lodz.

CYGANSKI, Andrzej, dr

Complexometric determination of cesium. Chem anal 9 no.1:103-105
'64.

1. Department of Inorganic Chemistry, Technical University, Lodz.

CYGANSKI, Andrzej, dr; CZAKIS-SULIKOWSKA, Maria, dr

Coprecipitation of mercury thiocyanate as a metal detection
method. Rudy i metale 9 no. 8:445-448 Ag '64.

CYGANSKI, Andrzej

A new precipitation method to obtain ferric, cobalt, nickel and zinc thiocyanatobismuthates. *Chemia Lodz* no.14:41-45 '64.

Obtaining bismuthyl thiocyanate by hydrolyzing thiocyanatobismuthates. *Ibid.*:47-50

1. Department of Inorganic Chemistry, Technical University, Lodz.

POLAND

CYGANSKI, Andrzej, Dr inz.

Adiunkt, Dept of Inorganic Chemistry, Lodz Polytechnic
(Adiunkt Katedry chemii Nieorganicznej Politechniki Lodzkiej)

Wroclaw, Wiadomosci chemiczne, No.11, November 1965, pp 715-744

"Co-precipitation in chemistry."

COUNTRY : USSR R
 CATEGORY : Diseases of Farm Animals. Diseases Caused by Helminths
 ABS. JOUR. : RZhBiol., No. 6 1959, No. 25987
 AUTHOR : Gysas, J.; Elisonas, V.; Vaiciulis, A.
 INST. : Lithuanian Veterinary Academy
 TITLE : Use of Pansy (Tanacetum vulgare) Flowers in the Treatment of Certain Helminthiases
 ORIG. PUB. : Liet. vet. akad. darbai, Tr. Lit. vet. akad., 1957, 3, 143-148
 ABSTRACT : It was shown that preparations of Tanacetum vulgare flowers (powder and aqueous extract) are effective against ascarids of swine, as well as against ascarids and strongyloids of horses. Therapeutic doses of the preparations are as follows: for swine 0.5-1.0 g/kg, for horses 25-100 g, in a single dose. These preparations are ineffective against helminthiases of dogs and cats.
 CARD: 1/1

19

CYGNAROWSKI, H.

Aeronautic activity of the Lower Silesian branch of the League of Soldiers Friends. p. 291. (SKRZYDLATA POLSKA, Vol. 10, No. 19, May. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KONECZNY, Henryk; CYLKA, Zofia; PISCHINGER, Ernest

Analysis of the liquid phase in the carbonation process in the
soda industry. Przem chem 41 no.6:312-313 Je '62.

1. Katedra Technologii Chemicznej, Uniwersitet im. M.Kopernika,
Torun.

SZAPIRO, Jerzy; CYLKE-DWORNICKA, Stefania; BRZEZINSKI, Jerzy

A case of the so-called dermal sinus as a cause of recurrent cerebro-spinal meningitis. *Pediat. polska* 34 no.8:1085-1092 Aug 59.

1. Z II Kliniki Chorob Dzieci A. M. w Lodzi. Kierownik: prof. dr med. Fr. Redlich i z Kliniki Neurochirurgii A. M. w Lodzi Kierownik: doc. dr med. J. Szapiro.
(MENINGITIS, etiol.) (SKIN, abnorm.)
(SPINAL CANAL, abnorm.)

CZECHOSLOVAKIA / POLAND

BUKOWCZYK, A.; CYMBALA, J.; WASIK, A.; Psychiatric Clinic, Medical Academy (Klinika Psychiatryczna, A.M.), Wroclaw.

"Bimanol in the Treatment of Post-Neuroleptic Apatheticabulic Syndrome in Schizophrenics. "

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 420 - 421

Abstract: 21 schizophrenics were given a treatment with phenothiazine derivatives combined with bimanol. Improvement occurred in 18 cases; the 3 in which it did not occur were hebephrenics. Previously apathetic patients displayed social activity. Bimanol administration following that of phenothiazine derivatives considerably improves patients suffering from Parkinson's disease. In some cases, however, a reverse action of bimanol was observed in this disease. The amount of phenothiazine when combined with bimanol can be reduced to about $\frac{1}{3}$ of the amount otherwise needed. 3 Western, 1 Polish reference. Submitted at the 8th Annual Psychopharmacological Meeting at Josenik, 19 - 22 Jan 66. Article is in English.

1/1

78

Nono-linear carborundum resistors. Przegl elektroniki 3 no.3 140-142 Nr 162

1. Instytut Elektroniki, Wroclaw.

KURYLOWICZ, Jaroslaw; CYMBRYKIEWICZ, Zbigniew.

Varistors, the nonlinear carborundum resistors. Pomiary 8
no.8:363-365 Ag '62.

- . 1. Instytut Elektrotechniki, Warszawa.

LAPINSKI, A., mgr., inz.; CYMBRYKIEWICZ, Z., mgr., inz.

Resistors from carbon plates. Przegl elektrotechn 38
no.4:175-176 Ap '62.

1. Zakład Materialoznawstwa Elektrotechnicznego.

KURYLOWICZ, Jaroslaw; CYMBRYKIEWICZ, Zbigniew

Varistors, nonlinear carborundum resistors. Pomary
8 no.10:466-471 0 '62.

1. Instytut Elektrotechniki, Warszawa.

KURYLOWICZ, Jaroslaw, doc. inz.; CYMBRYKIEWICZ, Zbigniew, mgr inz.

Nonlinear carborundum resistors. Inst elektrotech prace 10 no.29:
71-87 '62.

1. Zaklad Materialoznawstwa Elektrotechnicznego, Instytut Elektrotechniki,
Warszawa.

CYMER, T.; MAJLERT, W.; ZABĘCKI, Z.

"Przechowywanie warzyw i ziemniaków w kopcach" (Storing of potatoes and vegetables in mounds), by T. Cymer, W. Majlert and Z. Zabęcki. Reported in New Books (Nowe Książki), No. 11, June 1, 1956.

Cymer, T.

Country : POLAND H 28
Category : Chemical Technology. Food Industry
Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 51439
Author : Cymer, T.; Jadrzejczyk, P.
Institute : -
Title : Simplified Method of Determination of Mineral
Impurities in the Raw Materials and in Fruit
and Vegetable products
Orig Pub. : Przetwor. owoc.-warzy. i koncentry., 1958, 2, No
4, 136-139
Abstract : The proposed method, that excludes combustion
of a product, consists of a repeated water
washing, drying of the mineral residue, and
weighing. The method yields good results.
-- Z. Fabinskiy

Card: 1/1

11-158

Cymer, T.

Some remarks on fruit and vegetable processing. p. 425.

PRZEMYSŁ SPOŻYWCZY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Przemysłu Spożywczego) Warszawa, Poland. Vol. 13, no. 10, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol.⁹/no. 2, Feb. 19~~69~~.

Uncl.

CYMER, Tadeusz, dr inz.

Effects of applying hydrocyclones in the freezing industry
and the industry of fruit and vegetable processing. Przegl
techn 85 no.34:4 23 Ag'64.

1. Head, Central Laboratory of Refrigerating Engineering,
Warsaw.

PARNAS, Josef; SZMUNESS, Wolf; przy współpracy CYMERMAN, Haliny

Results of further studies on ornithosis. Przegl. epidem. 15 no.4:
355-363 '61.

1. Z Zakładu Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi w
Lublinie.

(ORNITHOSIS epidemiol)

MIETKIEWSKI, Kazimierz; CYMERYS, Zbigniew; RUCKI, Tadeusz; WALCZAK, Mieczyslaw

Contributions to histochemical studies on the embryonic testis.
Acta med. pol. 3 no.4:293-305 '62.

1. Department of Normal Histology and Embryology, Medical Academy,
Poznan. Director: Prof. Dr. Mietkiewski I Obstetrical and Gynecological
Clinic, Medical Academy, Poznan. Director: Prof. Dr W. Michalkiewicz.
(TESTIS) (ASCORBIC ACID) (FETUS) (LIPIDS)
(RIBONUCLEIC ACID) (GLYCOGEN) (PHOSPHATASES)

MIETKIEWSKI, Kazimierz, prof. dr.; WALCZAK, Mieczyslaw, CYMERYS, Zbigniew,
RUCKI, Tadeusz

Histogenesis of the human testicle in postnatal life. Folia
morphol. 22 no.3:209-223 '63

1. Zaklad Histologii Prawidlowej i Embriologii, Akademia Med-
yczna, Poznan, (Kierownik: prof.K.Mietkiewski) I Klinika Po-
loznictwa i Chorob Kobiety, Akademia Medyczna, Poznan
(Kierownik: prof. dr. W.Michalkiewicz).

*

CHOCHEX, K.

Influence of E-36 boiler plate edges cut diagonally by means of
oxyacetylene and of grooves for facing tee joints by means of a
blowpipe on the quality of welded joints. p. 232

PRACOWNIK SPA ALMISTKA vol. 7, no. 10, Oct. 1955

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

CYNAJEK, F.

v Determination of methylthiouracil with mercuric chloride. P. Cynajek and J. Szluga (Med. Acad., Poznań, Poland). *Farm. Polska* 10, No. 1, 17-18(1954).—Tablets contg. 0.3 g. methylthiouracil are disintegrated by heating with 200 ml. H₂O on a water bath. Fifty ml. of 0.4% aq. NaOH soln. is added, the soln. is agitated, after cooling slightly acidified with AcOH, and titrated with 0.03M HgCl₂ soln. with diphenylcarbazone as indicator. One ml. of 0.03M HgCl₂ corresponds to 0.01422 g. methylthiouracil. Sugars and substances reacting with Hg should be absent in the tablets. The error is less than 1%. Michael Falk.

CYNK, J.

"RWS-19 airplane."

p. 14 (Slrzuclata Polska) Vol. 14, no. 1, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CYNOWSKI, LUGJAN

PENSON, Jakob; CYNOWSKI, Lucjan

Malignant symptomatic hypertension. Polskie arch. med. wewn. 25 no.1:
107-115 1955.

1. Z III. kliniki chor. wewn.; kierownik prof. dr. med. J. Penson.
(HYPERTENSION
malignant, symptomatic, caused by pheochromocytoma)
(PARAGANGLIOMA
pheochromocytoma, causing malignant symptomatic hypertension)

NIELUBSZYC, Stanislaw; CYNOWSKI, Lucjan; ZYROMSKA, Monika

Arteritis nodosa. Polskie arch. med. wewn. 26 no.6:949-956
1956.

1. Z III Klin. Chorob Wewn. A.M. w Gdansk, Kier. prof. dr. med.
J. Penson, Z Zakladu Anatomii Patolog. A.M. w Gdansk, Kier. Prof.
dr. nauk med. W. Czarnocki, Z Kliniki Neurolog. A.M. w Gdansk,
Kier. Prof. dr. med. Z. Majewska, Gdansk, ul. Slusa 9/10. III
Klinika Chorob Wewn. A.M.G.

(PERIARTERITIS NODOSA, case reports,

(Pol))

CYNOWSKI, Lucjan

JUNGOWSKA, Anna; CHMIELEWSKI, Jan; CYNOWSKI, Lucjan

Case of sclerosing form of osteogenic sarcoma of the spine. Polski przeł.
radiol. 21 no.2:91-96 Mar-Apr 57.

1. Z Zakładu Radiologii A. M. w Gdansk. Dyrektor: prof. Dr W Grabowski.
- Z Oddziału Neurochirurgii A. M. G. Kierownik: dr med. J. Chmielewski.
- Z Zakładu Anatomii Patologicznej A. M. G. Dyrektor: prof dr W. Czarnocki.
(SARCOMA, OSTEOGENIC, case reports
spine, sclerosing form (Pol))
(SPINE, neoplasms
osteogenic sarcoma, sclerosing form (Pol))

SZTABA, Romuald; CYNOWSKI, Lucjan

Acute mesenteric lymphadenitis caused by *Pasteurella pseudotuberculosis* complicated by parotitis. Pol. tyg. lek. 17 no.33:1303-1306 13 Ag '62.

1. Z Kliniki Chirurgii Dziecięcej AM w Gdansk: kierownik: z-ca prof. dr med. Romuald Sztaba i z Zakładu Anatomii Patologicznej Szpitala Wojewodzkiego w Gdansk; kierownik: dr med. Lucjan Cynowski.

(MESENTERIC LYMPHADENITIS) (PAROTITIS)
(PASTEURELLA)

SZTABA, Romuald; KRYNSKI, Stefan; MOLLARET, Henri; CYNOWSKI, Lucjan;
ZNAMIROWSKI, Ryszard

Pseudotuberculous infection of the mesenteric nodes in
children. Pol. tyg. lek. 18 no.31:1149-1153 29 JI '63.

1. Z Kliniki Chirurgii Dziecięcej AM w Gdansk; kierownik:
dr med. R. Sztaba, z Zakładu Mikrobiologii AM w Gdansk;
kierownik: prof. dr St. Krynski, z Zakładu Dzumu Instytutu
Pasteura w Paryżu; kierownik: dr J. Fournier i z Zakładu
Anatomii Patol, Szpitala Wojewodzkiego w Gdansk; kierownik:
dr L. Cynowski.

(PASTEURELLA INFECTIONS)
(MESENTERIC LYMPHADENITIS)

LUKASIK, Jerzy; CYNOWSKI, Lucjan

Rare case of disseminated endothelioma of the peritoneum
simulating ovarian cyst torsion. Pat. Pol. 16 no.3:377-382
Jl-S ' 65.

1. Z II Kliniki Położnictwa i Choroż Kobiecych AM w Gdańsku
(Kierownik: prof. dr. med. W. Gromadzki) i z Zakładu Anatomii
Patologicznej Szpitala Wojewódzkiego w Gdańsku (Kierownik:
dr. med. L. Cynowski).

CYORI, D.

HUNGARY/Cultivated Plants - Commercial. Oil-Bearing.
Sugar-Bearing.

11.

Abs Jour : Ref Zhur - Biol., No 10, 1956, 44256

Author : Fekete, Edla Cyori, Daniel

Inst : University of Agricultural Sciences, Hungary Scientific
Research Institute of Agroecology.

Title : The Effect of a Complete Mineral Fertilizer on the Sugar
Beet Yield.

Orig Pub : Movenytermeles, 1957, 6, No 1, 27-32.

Abstract : This article describes the results of field experiments
conducted by the Scientific Research Institute of Agro-
ecology and by the University of Agricultural Sciences
(Hungary) on the study of the effect of the combined
fertilizer consisting of Nitrophos manufactured in the

Card 1/2

HUNGARY/Cultivated Plants - Commercial. Oil-Bearing.
Sugar-Bearing.

Abs Jour : Ref Zhur - Biol., No 10, 1956, 44256

Federal Republic of Germany and containing microcells
in addition to HOPK. ... A.M. Shirov

Card 2/2

CYPEL, M.

"Jak wykonywać proste roboty melioracyjne" (How to perform simple amelioration works), by M. Cypel. Reported in New Books (Nowe Książki), No. 12, June 15, 1956.

CYPEL, M.

CYPEL, M. For a wide discussion on publishing programs and on the evaluation of published items. p. 227

Vol. 16, no. 6, June 1956
GOSPODARKS WODNA
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

CYPERLING, Ireneusz; TORZECKI, Zenon

Plasmalogens in the placenta of rabbit in different stages of pregnancy.
Folia morphologia 12 no. 4:301-309 '61.

1. Zakład Anatomii Patologicznej, Akademia Medyczna, Łódź. Kierownik:
prof. dr. med. A. Pruszczyński.

CYPERLING, Ireneusz

Distribution of lipids in the rabbit placenta in various stages of pregnancy. Pat. pol. 14 no.3:345-354 '63.

1. Z Zakładu Anatomii Patologicznej AM w Łodzi Kierownik:
prof. dr med. A. Pruszczyński.
(PREGNANCY, ANIMAL) (PLACENTA)
(LIPID METABOLISM)

CYPRIAH, TADEUSZ

CYPRIAH, TADEUSZ

Fotografia; technika i technologia. Wyd. 2. ; popr. i uzup. Warszawa, Panstwowe Wyd. Techniczne, 1955. 410 p/ (Photography; technics and technology. 2d ed., rev. and enl. illus., plates, bilb., diags. , index, tables.)

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LCM VOL. 7, NO. 1, JAN. 1958

CYPRIAN, K; VARCL, Z.

A flowmeter with remote-control reading. p. 148. (Nova Technika, Vol. 2, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CYPRIAN, K.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Control and Measuring Devices. Automatic
Regulation.

H-3

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14835.

Author : Cyprian K., Lisner A.

Inst :

Title : Simple Continuous-Operation Densimeter

Orig Pub: Chem. prumpysl, 1957, 7, No 6, 302-303.

Abstract: Description of a simple densimeter of the areometer type.
The areometer is contained in a glass tube through which
flows the liquid under study.

Card : 1/1

~~CYPRIAN, K.~~ LISNER, A.

"Industrial doser of the Wichterle-Pinkava system."

p. 419 (Chemicky Prumysl) Vol. 7, no. 8, June 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CYPRIAN, K.

"Pneumatic time coupling."

p. 421 (Chemický Průmysl) Vol. 7, no. 8, Aug. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol.7no. 4,
April 1958

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 1. - Checking and Measuring Devices, Automatic Control. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61267.

Author : Karel Gyprian, Frantisek Pultar.

Inst : Not given.

Title : Regulator of Hydrochloric Acid Concentration.

Orig Pub: Chem. prumysl; 1957, 7, No 10, 547 - 548.

Abstract: A scheme of concentration regulation of HCl produced of gaseous HCl is proposed. The pressure of the gaseous HCl before the absorber is measured with a cup manometer. A float is in the cup, it is suspended on a thin rope flung over 2 fixed pulleys. The water running into the absorber passes through filters and enters

Card 1/3

APPROVED FOR RELEASE: Thursday, July 27, 2000

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CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 1. - Checking and Measuring Devices, Automatic Control.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61267.

Abstract: the pressure tank, the level in which is maintained constant by a regulator of the float type. Water passes from the tank into a branch of a U-shaped pipe, a siphon with an overflow pipe on the side is arranged on the other branch. The siphon can move vertically on a thin rope flung over a pulley fixed on the same shaft with the pulley, over which the rope of the cup manometer is flung. Water from the overflow pipe flows into a funnel, from where it is directed into the absorber. Consequently a change

Card 2/3

CYPRIAN, K.

Automation of dyeing and controlling methods in the chemical industry. p. 236

AUTOMATISACE. (Ceskoslovenska vedecka technicka spolecnost pro elektrotechniku pri Ceskoslovenske akademii ved, Odborna skupina automatisace a Ceskoslovenska spolecnost pro sireni politickych a vedeckych znalosti) Praha, Czechoslovakia, Vol. 2, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959
Uncl.

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Laboratory Equipment. Apparatus, Their Theory,
Construction and Application
ABS. JOUR. : RZKhim., No. 1 1960, No. 1000
AUTHOR : Cyprian, K.
INST. :
TITLE : Explosion-Proof Thermocouple Head for Measuring
Temperature
ORIG. PUB. : Chem. promysl, 1959, 9, No 4, 195-196
ABSTRACT : The construction of a thermocouple head suit-
able for work under explosion-unsafe condi-
tions is described.-- Ya. Satunovskiy
CARD: 1/1

CYPRIAN, K., inz.

Simple controllers used in chemical industry. Automatizace 5 no.4:103-104 Ap '62.

1. Vyzkumny ustav organickych syntez, Pardubice-Rybitvi.

CYPRIAN, Karel, ing.

"Operation and maintenance of control equipment" by J. Petr.
Reviewed by Karel Cyprian. Automatizace: Suppl.: Technicka
literatura 6 no.6:n.p. Je '63.

TESAK, Ludek; VANDROVEC, Miloslav, inz.; CYPRIAN, Karel, inz.

Pneumatic devices for automation. Automatizace 6 no.5:Supplement
31-32 My '63.

1. Zavody prumyslove automatizace, Praha (for Tesak and Vandrovec)
2. Vyzkumny ustav organickych syntez, Pardubice (for Cyprian).

CYPRIAN, Karel

Automation of the hydrogen chloride absorption. Chem prum 13 no.3:
134-136 Mr '63.

1. Vyzkumny ustav organickych syntez, Pardubice - Rybitvi.

CYPRIAN, Karel, inz.

Seminar on the use of analog computers for the control of
chemical production processes. Automatizace 7, no. 2: 54 F'64

CYPRIAN, Karel, inz.

"Lubrication of clock mechanisms" by J.Hajek, Reviewed by
K.Cyprian. Automatizace 7 no.2: Supplement: Technicka li-
teratura : insert F'64

CYPRIAN, K.

Conference on automation of charging processes. Automatizace
7 no. 6:159 Je '64.

CYPRIAN, Karel, inz.

Protection of measurement and control apparatus from the effect of surroundings. Automatizace 7 no.8:Suppl.:Kurs prakticke automatizace:149-152 Ag '64.

1. Research Institute of Organic Syntheses, Pardubice-Rybitvi.

CYPRIAN, Karel, inz.; CERNY, Vaclav, inz.; ZEMAN, Jiri, inz.

Flow measurement of aggressive gaseous substances by an ejector.
Automatizace 7 no.8:207-210 Ag '64.

1. Research Institute of Organic Syntheses, Pardubice - Rybitvi.

LYEKIAN, Karel

"Automation of charge processes" on the agenda of the Day of
New Technology. Chem prum 14 no.8:441 Ag '64.

1. Research Institute of Organic Syntheses, Pardubice-Syhliv.

CYPRIAN, Karel, inz.; VARCL, Zbynek

Flowmeter with remote-control reading. Nova technika 2 no.5:148-150
My '62.

1. Vyzkumny ustav organickych synthes, Pardubice-Rybitvi.

POLAND/Chemical Technology. Chemical Products and Their
Application. Artificial and Synthetic Fibers.

H-32

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6777.

Author : Turska, E.; Antezak, B.; Cypryk, J.; Skwarski, T.;
Kauczynska-Wolfran, M.

Inst : Lodz Polytechnical Institute.

Title : Study of Structure of Viscose Rayon. I. Study of
Structure of Various Kinds of Viscose Rayon.

Orig Pub: Zesz. nauk. Politechn. lodzkiej, 1957, No 14, 3-32.

Abstract: Assuming that the structure of cellulose is crystalline,
the connection between the orientation and the process
of crystallization was studied on five cellulose hydrate
fibers prepared by the bobbin, centrifugal and contin-
uous methods. The crystallinity was determined by the
sorption of iodine, and the orientation was determined

Card : 1/3

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POLAND/Chemical Technology. Chemical Products and Their
Application. Artificial and Synthetic Fibers.

H-32

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6777.

by the anisotropy of swelling and by double refraction
according to Germans [transliteration from Russian] ...,
the presence of an orientation jacket was revealed
by staining the fibers with Victoria Blue and chryso-
phenine G according to Morhed [transliteration from
Russian] ... and Sisson [transliteration from Russian]
..... The data obtained are arranged in 13 tables
and 14 graphs. Microphotographs of sections of fibers
showing orientation jackets different in thickness are
presented. There exists a direct dependence between
the strength and the orientation, especially in the wet
state. It is more difficult to establish a dependence
between the mechanical properties of fibers and the ani-

Card : 2/3

S/081/62/000/024/020/052

B117/B186

AUTHORS: Cypryk, Jerzy, Wronski, Włodzimierz

TITLE: Coagulation of polyacrylonitrile solutions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24 (II), 1962, 833 - 834,
abstract 24P95 (Polimery, tworzywa, wielkocząsteczkowe, v. 6,
no. 11, 1961, 363 - 367 [Pol.; summaries in Eng. and Russ.])

TEXT: The coagulation of polyacrylonitrile from aqueous solution of dimethyl formamide was studied. The effects due to temperature and concentration of dimethyl formamide, and those due to concentration of polyacrylonitrile solution, on the transparency of films was determined. Photographs are given showing the microstructures of films obtained at concentrations of a dimethyl formamide solution between 30 and 70 % at 20°C and at 60 % at 15, 30, and 40°C. It was shown that a transparent gel without bubbles forms from the 40 - 60 % aqueous dimethyl formamide solution below 20°C and at a concentration of polymer (molecular weight 73 000) \geq 20 %.
[Abstracter's note: Complete translation.]

Card 1/1

POLAND/Chemical Technology. Chemical Products
and Their Applications. Artificial and
Synthetic Fibers.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

Author : Turska, E., Antczak, B., Cypczyk, J., Skwarski,
T., Kauczynski-Wolfram, M.

Inst : Lodz Polytechnic Institute.

Title : Investigation of the Structure of Viscose
Rayon. II. Investigation of Changes in the
Structure of Viscose Rayon During Spinning.

Orig Pub : Zesz. nauk. Politechn. lodzkiej, 1957, No 14,
33-47

Abstract : The influence of the technological process
of continuous spinning and particularly of
the degree of extraction on the structure

Card : 1/3

17-171

POLAND/Chemical Technology. Chemical Products
and Their Applications. Artificial and
Synthetic Fibers.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

of viscose rayon was investigated. The fibers were investigated with extraction degrees of 0, 15, 30, and 45 percent. On the basis of experimental data gathered into 11 tables and 5 graphs, the authors reach the conclusion that the orientation does not influence the degree of crystallinity of the fiber and its capacity for further crystallization. The process of extraction causes dissimilar growth of orientation in the total volume of the fiber: in the beginning the crystals are regulated, and the molecules of the amorphous areas are straight-

Card : 2/3

POLAND/Chemical Technology. Chemical Products
and Their Applications. Artificial and
Synthetic Fibers.

CIA-RDP86-00513R00050943

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21744

tened and orientated only through further extraction. For Report I, see Ref Zhur-Khimiya, 1959, 6777. -- E. Natkhan

Card : 3/3

H-142

CYPRYK, Jerzy; WRONSKI, Włodzimierz

Coagulation of polyacrylonitrile solutions. Tworzywa wielkocząst 6
no.11:363-367 N '61.

CYPRYK, Jerzy, mgr inz.

Prospects for the Polish production of polyvinyl alcohol fibers.
Chemik 16 no. 5:143-145 My '63.

GOPIELA, Wacław; KAPECKA, Teresa; CYPRYK, Jerzy

Studies on the course of acetylation of polyvinylalcohol
fibers with formaldehyde. Polimery tworzyw wielk 9 no.3:107-
110 Mr '64.

1. Institute of Artificial and Synthetic Fibers, Łódź.

SOPIELA, Wacław; CYPRYK, Jerzy; MASIOWSKI, Edward.

Stability of polyvinyl alcohol solutions used for spinning purposes. Polimery tworzyw wielk 8 no.9:345-347 '63.

1. Instytut Włókien Sztucznych i Syntetycznych, Łódź.

SOPIELA, W.; KAPECKA, T.; CYPRYK, J.

Effect of acetylation on the properties of polyvinyl alcohol
fibers. Przegl włókien 18 no.10:445-448 0 '64.

BOZKO, Leon; CYPRYK-OSSOWSKA, Krystyna; KRZYSZTOFIK, Boleslaw

Microflora of the air in restaurants and in the atmosphere in Warsaw.

I. Quantitative studies. Acta microb. polon. 10 no.3:307-321 '61.

1. Z Zakładu Biologii Sanitarnej Politechniki Warszawskiej i z
Instytutu Handlu Wewnętrznego w Warszawie.

(AIR microbiol)

(RESTAURANTS)